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 Communications Magazine, IEEE ,Volume: 41 , Issue: 10 , Oct 2003
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2 Wideband measurements of angle and delay dispersion for outdoor indoor peer-to-peer radio channels at 1920 MHz
Durgin, G.D.; Kukshya, V.; Rappaport, T.S.;
 Antennas and Propagation, IEEE Transactions on ,Volume: 51 , Issue: 5 , Ma 2003
 Pages:936 - 944

[\[Abstract\]](#) [\[PDF Full-Text \(563KB\)\]](#) IEEE JNL

3 New analytical models and probability density functions for fading in wireless communications
Durgin, G.D.; Rappaport, T.S.; de Wolf, D.A.;
 Communications, IEEE Transactions on ,Volume: 50 , Issue: 6 , June 2002
 Pages:1005 - 1015

[\[Abstract\]](#) [\[PDF Full-Text \(399KB\)\]](#) IEEE JNL

4 Wireless communications: past events and a future perspective
Rappaport, T.S.; Annamalai, A.; Buehrer, R.M.; Tranter, W.H.;
 Communications Magazine, IEEE ,Volume: 40 , Issue: 5 , May 2002
 Pages:148 - 161

[\[Abstract\]](#) [\[PDF Full-Text \(1318KB\)\]](#) IEEE JNL

5 Spatial and temporal characteristics of 60-GHz indoor channels
Hao Xu; Kukshya, V.; Rappaport, T.S.;
 Selected Areas in Communications, IEEE Journal on ,Volume: 20 , Issue: 3 , 2002
 Pages:620 - 630

[\[Abstract\]](#) [\[PDF Full-Text \(364KB\)\]](#) [IEEE JNL](#)

6 Geometrical-based statistical macrocell channel model for mobile environments

Petrus, P.; Reed, J.H.; Rappaport, T.S.;

Communications, IEEE Transactions on , Volume: 50 , Issue: 3 , March 2002
Pages:495 - 502

[\[Abstract\]](#) [\[PDF Full-Text \(357KB\)\]](#) [IEEE JNL](#)

7 Application of narrow-beam antennas and fractional loading factor cellular communication systems

Cardieri, P.; Rappaport, T.S.;

Vehicular Technology, IEEE Transactions on , Volume: 50 , Issue: 2 , March 2
Pages:430 - 440

[\[Abstract\]](#) [\[PDF Full-Text \(292KB\)\]](#) [IEEE JNL](#)

8 38-GHz wide-band point-to-multipoint measurements under differe weather conditions

Hao Xu; Rappaport, T.S.; Boyle, R.J.; Schaffner, J.H.;

Communications Letters, IEEE , Volume: 4 , Issue: 1 , Jan. 2000
Pages:7 - 8

[\[Abstract\]](#) [\[PDF Full-Text \(56KB\)\]](#) [IEEE JNL](#)

9 Theory of multipath shape factors for small-scale fading wireless channels

Durgin, G.D.; Rappaport, T.S.;

Antennas and Propagation, IEEE Transactions on , Volume: 48 , Issue: 5 , Ma
2000
Pages:682 - 693

[\[Abstract\]](#) [\[PDF Full-Text \(252KB\)\]](#) [IEEE JNL](#)

10 Measurements and models for 38-GHz point-to-multipoint radiowa propagation

Hao Xu; Rappaport, T.S.; Boyle, R.J.; Schaffner, J.H.;

Selected Areas in Communications, IEEE Journal on , Volume: 18 , Issue: 3 ,
2000
Pages:310 - 321

[\[Abstract\]](#) [\[PDF Full-Text \(300KB\)\]](#) [IEEE JNL](#)

11 A simulation of cellular system growth and its effect on urban in-building parasitic frequency reuse

Rappaport, T.S.; Brickhouse, R.A.;

Vehicular Technology, IEEE Transactions on , Volume: 48 , Issue: 1 , Jan. 19
Pages:286 - 294

[\[Abstract\]](#) [\[PDF Full-Text \(196KB\)\]](#) [IEEE JNL](#)

12 Measurements and models for radio path loss and penetration loss and around homes and trees at 5.85 GHz

Durgin, G.; Rappaport, T.S.; Hao Xu;

Communications, IEEE Transactions on , Volume: 46 , Issue: 11 , Nov. 1998
Pages:1484 - 1496

[\[Abstract\]](#) [\[PDF Full-Text \(288KB\)\]](#) [IEEE JNL](#)

13 An overview of the challenges and progress in meeting the E-911 requirement for location service

Reed, J.H.; Krizman, K.J.; Woerner, B.D.; Rappaport, T.S.;

Communications Magazine, IEEE , Volume: 36 , Issue: 4 , April 1998
Pages:30 - 37

[\[Abstract\]](#) [\[PDF Full-Text \(3104KB\)\]](#) [IEEE JNL](#)

14 Characteristics of impulsive noise in the 450-MHz band in hospitals clinics

Blankenship, T.K.; Rappaport, T.S.;

Antennas and Propagation, IEEE Transactions on , Volume: 46 , Issue: 2 , Feb 1998
Pages:194 - 203

[\[Abstract\]](#) [\[PDF Full-Text \(204KB\)\]](#) [IEEE JNL](#)

15 5.85-GHz radio path loss and penetration loss measurements in an around homes and trees

Durgin, G.; Rappaport, T.S.; Xu, H.;

Communications Letters, IEEE , Volume: 2 , Issue: 3 , March 1998
Pages:70 - 72

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16 Overview of spatial channel models for antenna array communication systems

Ertel, R.B.; Cardieri, P.; Sowerby, K.W.; Rappaport, T.S.; Reed, J.H.;
 Personal Communications, IEEE [see also IEEE Wireless Communications]
 ,Volume: 5 , Issue: 1 , Feb. 1998
 Pages:10 - 22

[\[Abstract\]](#) [\[PDF Full-Text \(4384KB\)\]](#) **IEEE JNL**
17 A simulation study of urban in-building cellular frequency reuse

Rappaport, T.S.; Brickhouse, R.A.;
 Personal Communications, IEEE [see also IEEE Wireless Communications]
 ,Volume: 4 , Issue: 1 , Feb. 1997
 Pages:19 - 23

[\[Abstract\]](#) [\[PDF Full-Text \(2112KB\)\]](#) **IEEE JNL**
18 Effects of directional antennas at the base station on the Doppler spectrum

Petrus, P.; Reed, J.H.; Rappaport, T.S.;
 Communications Letters, IEEE ,Volume: 1 , Issue: 2 , March 1997
 Pages:40 - 42

[\[Abstract\]](#) [\[PDF Full-Text \(104KB\)\]](#) **IEEE JNL**
19 Despread-respread multi-target constant modulus array for CDMA systems

Rong, Z.; Petrus, P.; Rappaport, T.S.; Reed, J.H.;
 Communications Letters, IEEE ,Volume: 1 , Issue: 4 , July 1997
 Pages:114 - 116

[\[Abstract\]](#) [\[PDF Full-Text \(108KB\)\]](#) **IEEE JNL**
20 Position location using wireless communications on highways of the future

Rappaport, T.S.; Reed, J.H.; Woerner, B.D.;

Communications Magazine, IEEE ,Volume: 34 , Issue: 10 , Oct. 1996
Pages:33 - 41

[\[Abstract\]](#) [\[PDF Full-Text \(1316KB\)\]](#) IEEE JNL

21 Interactive computation of coverage regions for wireless communication in multifloored indoor environments

Panjwani, M.A.; Abbott, A.L.; Rappaport, T.S.;

Selected Areas in Communications, IEEE Journal on ,Volume: 14 , Issue: 3 , 1996

Pages:420 - 430

[\[Abstract\]](#) [\[PDF Full-Text \(1028KB\)\]](#) IEEE JNL

22 Optimal location of transmitters for micro-cellular radio communication system design

Sherali, H.D.; Pendyala, C.M.; Rappaport, T.S.;

Selected Areas in Communications, IEEE Journal on ,Volume: 14 , Issue: 4 , 1996

Pages:662 - 673

[\[Abstract\]](#) [\[PDF Full-Text \(1236KB\)\]](#) IEEE JNL

23 A comparison of theoretical and empirical reflection coefficients for typical exterior wall surfaces in a mobile radio environment

Landron, O.; Feuerstein, M.J.; Rappaport, T.S.;

Antennas and Propagation, IEEE Transactions on ,Volume: 44 , Issue: 3 , May 1996

Pages:341 - 351

[\[Abstract\]](#) [\[PDF Full-Text \(1144KB\)\]](#) IEEE JNL

24 Propagation measurements and models for wireless communication channels

Andersen, J.B.; Rappaport, T.S.; Yoshida, S.;

Communications Magazine, IEEE ,Volume: 33 , Issue: 1 , Jan. 1995

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[\[Abstract\]](#) [\[PDF Full-Text \(828KB\)\]](#) IEEE JNL

25 Radio-wave propagation for emerging wireless personal-communication systems

Rappaport, T.S.; Sandhu, S.;

Antennas and Propagation Magazine, IEEE ,Volume: 36 , Issue: 5 , Oct. 1994

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[\[Abstract\]](#) [\[PDF Full-Text \(1068KB\)\]](#) IEEE JNL

26 Site-specific propagation prediction for wireless in-building personal communication system design

Seidel, S.Y.; Rappaport, T.S.;

Vehicular Technology, IEEE Transactions on ,Volume: 43 , Issue: 4 , Nov. 1994

Pages:879 - 891

[\[Abstract\]](#) [\[PDF Full-Text \(1132KB\)\]](#) [IEEE JNL](#)

27 Analytical results for capacity improvements in CDMA

Liberti, J.C., Jr.; Rappaport, T.S.;

Vehicular Technology, IEEE Transactions on , Volume: 43 , Issue: 3 , Aug. 19
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[\[Abstract\]](#) [\[PDF Full-Text \(1020KB\)\]](#) [IEEE JNL](#)

28 Path loss, delay spread, and outage models as functions of antenna height for microcellular system design

Feuerstein, M.J.; Blackard, K.L.; Rappaport, T.S.; Seidel, S.Y.; Xia, H.H.;

Vehicular Technology, IEEE Transactions on , Volume: 43 , Issue: 3 , Aug. 19
Pages:487 - 498

[\[Abstract\]](#) [\[PDF Full-Text \(1096KB\)\]](#) [IEEE JNL](#)

29 Simulation issues for future wireless modems

Woerner, B.D.; Reed, J.H.; Rappaport, T.S.;

Communications Magazine, IEEE , Volume: 32 , Issue: 7 , July 1994
Pages:42 - 53

[\[Abstract\]](#) [\[PDF Full-Text \(2044KB\)\]](#) [IEEE JNL](#)

30 A deterministic approach to predicting microwave diffraction by buildings for microcellular systems

Russell, T.A.; Bostian, C.W.; Rappaport, T.S.;

Antennas and Propagation, IEEE Transactions on , Volume: 41 , Issue: 12 , D
1993
Pages:1640 - 1649

[\[Abstract\]](#) [\[PDF Full-Text \(980KB\)\]](#) [IEEE JNL](#)

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31 Measurements and models of radio frequency impulsive noise for wireless communications
Blackard, K.L.; Rappaport, T.S.; Bostian, C.W.;

Selected Areas in Communications, IEEE Journal on , Volume: 11 , Issue: 7 , 1993

Pages:991 - 1001

[\[Abstract\]](#) [\[PDF Full-Text \(988KB\)\]](#) IEEE JNL

32 Bit error simulation for n/4 DQPSK mobile radio communications using two-ray and measurement-based impulse response models
Fung, V.; Rappaport, T.S.; Thoma, B.;

Selected Areas in Communications, IEEE Journal on , Volume: 11 , Issue: 3 , 1993

Pages:393 - 405

[\[Abstract\]](#) [\[PDF Full-Text \(1116KB\)\]](#) IEEE JNL

33 Effects of radio propagation path loss on DS-CDMA cellular frequency reuse efficiency for the reverse channel
Rappaport, T.S.; Milstein, L.B.;

Vehicular Technology, IEEE Transactions on , Volume: 41 , Issue: 3 , Aug. 1992

Pages:231 - 242

[\[Abstract\]](#) [\[PDF Full-Text \(1076KB\)\]](#) IEEE JNL

34 Performance evaluation for cellular CDMA
Milstein, L.B.; Rappaport, T.S.; Barghouti, R.;

Selected Areas in Communications, IEEE Journal on , Volume: 10 , Issue: 4 , 1992

Pages:680 - 689

[\[Abstract\]](#) [\[PDF Full-Text \(580KB\)\]](#) IEEE JNL

35 Wide-band microwave propagation parameters using circular and linearly polarized antennas for indoor wireless channels

Rappaport, T.S.; Hawbaker, D.A.;
Communications, IEEE Transactions on , Volume: 40 , Issue: 2 , Feb. 1992
Pages:240 - 245

[[Abstract](#)] [[PDF Full-Text \(532KB\)](#)] IEEE JNL

36 **914 MHz path loss prediction models for indoor wireless communications in multifloored buildings**

Seidel, S.Y.; Rappaport, T.S.;
Antennas and Propagation, IEEE Transactions on , Volume: 40 , Issue: 2 , Feb. 1992
Pages:207 - 217

[[Abstract](#)] [[PDF Full-Text \(948KB\)](#)] IEEE JNL

37 **Statistical channel impulse response models for factory and open building radio communicate system design**

Rappaport, T.S.; Seidel, S.Y.; Takamizawa, K.;
Communications, IEEE Transactions on , Volume: 39 , Issue: 5 , May 1991
Pages:794 - 807

[[Abstract](#)] [[PDF Full-Text \(1172KB\)](#)] IEEE JNL

38 **Wireless personal communications: trends and challenges**

Rappaport, T.S.;
Antennas and Propagation Magazine, IEEE , Volume: 33 , Issue: 5 , Oct. 1991
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[[Abstract](#)] [[PDF Full-Text \(1160KB\)](#)] IEEE JNL

39 **Simulation of bit error performance of FSK, BPSK, and $\pi/4$ DQPSK fading indoor radio channels using a measurement-based channel model**

Rappaport, T.S.; Fung, V.;
Vehicular Technology, IEEE Transactions on , Volume: 40 , Issue: 4 , Nov. 1991
Pages:731 - 740

[[Abstract](#)] [[PDF Full-Text \(688KB\)](#)] IEEE JNL

40 **Path loss, scattering and multipath delay statistics in four European cities for digital cellular and microcellular radiotelephone**

Seidel, S.Y.; Rappaport, T.S.; Jain, S.; Lord, M.L.; Singh, R.;
Vehicular Technology, IEEE Transactions on , Volume: 40 , Issue: 4 , Nov. 1991
Pages:721 - 730

[[Abstract](#)] [[PDF Full-Text \(968KB\)](#)] IEEE JNL

41 **The wireless revolution**

Rappaport, T.S.;
Communications Magazine, IEEE , Volume: 29 , Issue: 11 , Nov. 1991
Pages:52, 61 - 71

[[Abstract](#)] [[PDF Full-Text \(1180KB\)](#)] IEEE JNL

42 A single-hop F_2 propagation model for frequencies above 30 MHz at path distances greater than 4000 km

Rappaport, T.S.; Campbell, R.L.; Pocock, E.;

Antennas and Propagation, IEEE Transactions on , Volume: 38 , Issue: 12 , Dec 1990

Pages:1967 - 1968

[\[Abstract\]](#) [\[PDF Full-Text \(172KB\)\]](#) [IEEE JNL](#)

43 900-MHz multipath propagation measurements for US digital cellular radiotelephone

Rappaport, T.S.; Seidel, S.Y.; Singh, R.;

Vehicular Technology, IEEE Transactions on , Volume: 39 , Issue: 2 , May 1990

Pages:132 - 139

[\[Abstract\]](#) [\[PDF Full-Text \(724KB\)\]](#) [IEEE JNL](#)

44 A beacon navigation method for autonomous vehicles

McGillem, C.D.; Rappaport, T.S.;

Vehicular Technology, IEEE Transactions on , Volume: 38 , Issue: 3 , Aug. 1990

Pages:132 - 139

[\[Abstract\]](#) [\[PDF Full-Text \(624KB\)\]](#) [IEEE JNL](#)

45 Characterization of UHF multipath radio channels in factory buildings

Rappaport, T.S.;

Antennas and Propagation, IEEE Transactions on , Volume: 37 , Issue: 8 , Aug 1989

Pages:1058 - 1069

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46 Indoor radio communications for factories of the future
Rappaport, T.S.;

Communications Magazine, IEEE ,Volume: 27 , Issue: 5 , May 1989

Pages:15 - 24

[\[Abstract\]](#) [\[PDF Full-Text \(1056KB\)\]](#) **IEEE JNL**
47 UHF fading in factories
Rappaport, T.S.; McGillem, C.D.;

Selected Areas in Communications, IEEE Journal on ,Volume: 7 , Issue: 1 , J 1989

Pages:40 - 48

[\[Abstract\]](#) [\[PDF Full-Text \(920KB\)\]](#) **IEEE JNL**
48 Research challenges in wireless networks: a technical overview
Shakkottai, S.; Rappaport, T.S.;

Wireless Personal Multimedia Communications, 2002. The 5th International Symposium on ,Volume: 1 , 27-30 Oct. 2002

Pages:12 - 18 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(900KB\)\]](#) **IEEE CNF**
49 In-building wideband multipath characteristics at 2.5 and 60 GHz
Anderson, C.R.; Rappaport, T.S.; Bae, K.; Verstak, A.; Ramakrishnan, N.; Tru W.H.; Shaffer, C.A.; Watson, L.T.;

Vehicular Technology Conference, 2002. Proceedings. VTC 2002-Fall. 2002 IE 56th ,Volume: 1 , 24-28 Sept. 2002

Pages:97 - 101 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(312KB\)\]](#) **IEEE CNF**
50 Free-space optics and high-speed RF for next generation networks \$propagation measurements
Kukshya, V.; Rappaport, T.S.; Izadpanah, H.; Tangonan, G.; Guerrero, R.A.; Mendoza, J.K.; Lee, B.;

Vehicular Technology Conference, 2002. Proceedings. VTC 2002-Fall. 2002 IE 56th ,Volume: 1 , 24-28 Sept. 2002
Pages:616 - 620 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(2149KB\)\]](#) IEEE CNF

51 WCDMA STTD performance analysis with transmitter location optimization in indoor systems using ray-tracing technique

Bae, K.K.; Jing Jiang; Tranter, W.H.; Anderson, C.R.; Rappaport, T.S.; Jian H Verstak, A.; Watson, L.T.; Ramakrishnan, N.; Shaffer, C.A.;
Radio and Wireless Conference, 2002. RAWCON 2002. IEEE , 11-14 Aug. 200
Pages:123 - 127

[\[Abstract\]](#) [\[PDF Full-Text \(467KB\)\]](#) IEEE CNF

52 S/sup 4/W: globally optimized design of wireless communication systems

Verstak, A.; He, J.; Watson, L.T.; Rappaport, T.S.; Anderson, C.R.; Ramakris N.; Shaffer, C.A.; Bae, K.; Jiang, J.; Tranter, W.H.;
Parallel and Distributed Processing Symposium., Proceedings International, IF 2002, Abstracts and CD-ROM , 15-19 April 2002
Pages:173 - 180

[\[Abstract\]](#) [\[PDF Full-Text \(391KB\)\]](#) IEEE CNF

53 Channel allocation in SDMA cellular systems

Cardieri, P.; Rappaport, T.S.;
Vehicular Technology Conference, 2001. VTC 2001 Fall. IEEE VTS 54th ,Volu 1 , 2001
Pages:399 - 403 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(504KB\)\]](#) IEEE CNF

54 Joint angle and delay spread statistics for 1920 MHz peer-to-peer wireless channels

Durgin, G.D.; Kukshya, V.; Rappaport, T.S.;
Antennas and Propagation Society International Symposium, 2001. IEEE ,Vo 2 , 8-13 July 2001
Pages:182 - 185 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(144KB\)\]](#) IEEE CNF

55 Design efficiencies for indoor wireless

Rappaport, T.S.;
Radio and Wireless Conference, 2000. RAWCON 2000. 2000 IEEE , 10-13 Sep 2000
Pages:5

[\[Abstract\]](#) [\[PDF Full-Text \(32KB\)\]](#) IEEE CNF

56 Spatial and temporal characterization of 60 GHz indoor channels

Hao Xu; Kukshya, V.; Rappaport, T.S.;
Vehicular Technology Conference, 2000. IEEE VTS-Fall VTC 2000. 52nd ,Volu

1 , 24-28 Sept. 2000
Pages:6 - 13 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(556KB\)\]](#) IEEE CNF

57 **Statistics of the sum of lognormal variables in wireless communica**
Cardieri, P.; Rappaport, T.S.;
Vehicular Technology Conference Proceedings, 2000. VTC 2000-Spring Tokyo
IEEE 51st ,Volume: 3 , 15-18 May 2000
Pages:1823 - 1827 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(484KB\)\]](#) IEEE CNF

58 **Two-branch diversity simulation of the effects of non-zero signal correlation on average fade duration**
Kontogeorgakis, C.; Rappaport, T.S.;
Vehicular Technology Conference, 1999 IEEE 49th ,Volume: 3 , 16-20 May 1
Pages:1774 - 1778 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(408KB\)\]](#) IEEE CNF

59 **Peer-to-peer low antenna outdoor radio wave propagation at 1.8 G**
Patwari, N.; Durgin, G.D.; Rappaport, T.S.; Boyle, R.J.;
Vehicular Technology Conference, 1999 IEEE 49th ,Volume: 1 , 16-20 May 1
Pages:371 - 375 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(336KB\)\]](#) IEEE CNF

60 **More complete probability density functions for fading in mobile communications**
Durgin, G.D.; Rappaport, T.S.; De Wolf, D.A.;
Vehicular Technology Conference, 1999 IEEE 49th ,Volume: 2 , 16-20 May 1
Pages:985 - 989 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(336KB\)\]](#) IEEE CNF

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61 Effects of multipath angular spread on the spatial cross-correlation received voltage envelopes
Durgin, G.D.; Rappaport, T.S.;

 Vehicular Technology Conference, 1999 IEEE 49th ,Volume: 2 , 16-20 May 1
 Pages:996 - 1000 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(356KB\)\]](#) IEEE CNF

62 Combined effects of narrowbeam antennas and fractional loading in forward link cellular communication systems
Cardieri, P.; Rappaport, T.S.;

 Vehicular Technology Conference, 1999 IEEE 49th ,Volume: 2 , 16-20 May 1
 Pages:1074 - 1078 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(444KB\)\]](#) IEEE CNF

63 38 GHz wideband point-to-multipoint radio wave propagation study in a campus environment
Hao Xu; Rappaport, T.S.; Boyle, R.J.; Schaffner, J.H.;

 Vehicular Technology Conference, 1999 IEEE 49th ,Volume: 2 , 16-20 May 1
 Pages:1575 - 1579 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(392KB\)\]](#) IEEE CNF

64 Level-crossing rates and average fade duration for wireless channels with spatially complicated multipath
Durgin, G.D.; Rappaport, T.S.;

 Global Telecommunications Conference, 1999. GLOBECOM '99 ,Volume: 1A ,
 Pages:427 - 431 vol. 1a

[\[Abstract\]](#) [\[PDF Full-Text \(372KB\)\]](#) IEEE CNF

65 Partition-based path loss analysis for in-home and residential area at 5.85 GHz
Durgin, G.D.; Rappaport, T.S.; Hao Xu;

Global Telecommunications Conference, 1998. GLOBECOM 98. The Bridge to Integration. IEEE ,Volume: 2 , 8-12 Nov. 1998
Pages:904 - 909 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(344KB\)\]](#) IEEE CNF

66 Parallel interference cancellation (PIC) improvements for CDMA multiuser receivers using partial cancellation of MAI estimates

Peijun Shan; Rappaport, T.S.;

Global Telecommunications Conference, 1998. GLOBECOM 98. The Bridge to Integration. IEEE ,Volume: 6 , 8-12 Nov. 1998
Pages:3282 - 3287 vol.6

[\[Abstract\]](#) [\[PDF Full-Text \(312KB\)\]](#) IEEE CNF

67 Radio path loss and penetration loss measurements in and around homes and trees at 5.85 GHz

Durgin, G.; Rappaport, T.S.; Xu, H.;

Antennas and Propagation Society International Symposium, 1998. IEEE ,Vo 2 , 21-26 June 1998
Pages:618 - 621 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(273KB\)\]](#) IEEE CNF

68 An advanced 3D ray launching method for wireless propagation prediction

Durgin, G.; Patwari, N.; Rappaport, T.S.;

Vehicular Technology Conference, 1997 IEEE 47th ,Volume: 2 , 4-7 May 1997
Pages:785 - 789 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(592KB\)\]](#) IEEE CNF

69 Wireless position location: fundamentals, implementation strategies and sources of error

Krizman, K.J.; Biedka, T.E.; Rappaport, T.S.;

Vehicular Technology Conference, 1997 IEEE 47th ,Volume: 2 , 4-7 May 1997
Pages:919 - 923 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(512KB\)\]](#) IEEE CNF

70 Modeling and simulation of narrowband phase from the wideband channel impulse response

Krizman, D.M.; Ellison, B.J.; Rappaport, T.S.;

Vehicular Technology Conference, 1997 IEEE 47th ,Volume: 1 , 4-7 May 1997
Pages:67 - 71 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(540KB\)\]](#) IEEE CNF

71 Simulation of multitarget adaptive array algorithms for wireless CI systems

Rong, Z.; Rappaport, T.S.; Petrus, P.; Reed, J.H.;

Vehicular Technology Conference, 1997 IEEE 47th ,Volume: 1 , 4-7 May 1997
Pages:1 - 5 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(532KB\)\]](#) [IEEE CNF](#)

72 Measurements and simulation of radio frequency impulsive noise in hospitals and clinics

Blankenship, T.K.; Kriztman, D.M.; Rappaport, T.S.;

Vehicular Technology Conference, 1997 IEEE 47th ,Volume: 3 , 4-7 May 1997
Pages:1942 - 1946 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(444KB\)\]](#) [IEEE CNF](#)

73 Wireless System Design Fundamentals

Rappaport, T.S.;

Southeastcon '97. 'Engineering new New Century'. , Proceedings. IEEE , 12-14 1997

Pages:355 - 355

[\[Abstract\]](#) [\[PDF Full-Text \(24KB\)\]](#) [IEEE CNF](#)

74 Geometrically based statistical channel model for macrocellular environments

Petrus, P.; Reed, J.H.; Rappaport, T.S.;

Global Telecommunications Conference, 1996. GLOBECOM '96. 'Communications The Key to Global Prosperity ,Volume: 2 , 18-22 Nov. 1996

Pages:1197 - 1201 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(448KB\)\]](#) [IEEE CNF](#)

75 Urban in-building cellular frequency reuse

Brickhouse, R.A.; Rappaport, T.S.;

Global Telecommunications Conference, 1996. GLOBECOM '96. 'Communications The Key to Global Prosperity ,Volume: 2 , 18-22 Nov. 1996

Pages:1192 - 1196 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(520KB\)\]](#) [IEEE CNF](#)

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76 The role of simulation in the teaching of communications

Tranter, W.H.; Rappaport, T.S.; Woerner, B.D.; Reed, J.H.; Krizman, D.M.;
 Frontiers in Education Conference, 1996. FIE '96. 26th Annual Conference.,
 Proceedings of , Volume: 1 , 6-9 Nov. 1996
 Pages:401 - 404 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(404KB\)\]](#) IEEE CNF
77 Comparison of conventional subspace based DOA estimation algorithm with those employing property-restoral techniques: simulation and measurements

Muhammed, R.; Rappaport, T.S.;
 Universal Personal Communications, 1996. Record., 1996 5th IEEE International Conference on , Volume: 2 , 29 Sept.-2 Oct. 1996
 Pages:1004 - 1008 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(516KB\)\]](#) IEEE CNF
78 Interactive coverage region and system design simulation for wire communication systems in multifloored indoor environments: SMT Plus

Skidmore, R.R.; Rappaport, T.S.; Abbott, A.L.;
 Universal Personal Communications, 1996. Record., 1996 5th IEEE International Conference on , Volume: 2 , 29 Sept.-2 Oct. 1996
 Pages:646 - 650 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(560KB\)\]](#) IEEE CNF
79 Cellular Digital Packet Data (CDPD) equipment: some practical design issues

Bump, G.D.; Rappaport, T.S.;
 Universal Personal Communications, 1996. Record., 1996 5th IEEE International Conference on , Volume: 2 , 29 Sept.-2 Oct. 1996
 Pages:801 - 805 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(432KB\)\]](#) IEEE CNF

80 Analysis of CDMA cellular radio systems employing adaptive antenna in multipath environments

Liberti, J.C.; Rappaport, T.S.;

Vehicular Technology Conference, 1996. 'Mobile Technology for the Human R:
IEEE 46th ,Volume: 2 , 28 April-1 May 1996
Pages:1076 - 1080 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(564KB\)\]](#) IEEE CNF

81 Propagation time delay spread measurements at 915 MHz in a large train yard

Newhall, W.G.; Saldanha, K.J.; Rappaport, T.S.;

Vehicular Technology Conference, 1996. 'Mobile Technology for the Human R:
IEEE 46th ,Volume: 2 , 28 April-1 May 1996
Pages:864 - 868 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(452KB\)\]](#) IEEE CNF

82 A geometrically based model for line-of-sight multipath radio channel

Liberti, J.C.; Rappaport, T.S.;

Vehicular Technology Conference, 1996. 'Mobile Technology for the Human R:
IEEE 46th ,Volume: 2 , 28 April-1 May 1996
Pages:844 - 848 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(516KB\)\]](#) IEEE CNF

83 Future trends of mobile and personal communications

Rappaport, T.S.;

Microwave and Optoelectronics Conference, 1995. Proceedings., 1995 SBMO/
MTT-S International ,Volume: 1 , 24-27 July 1995
Pages:387 - 395 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(728KB\)\]](#) IEEE CNF

84 Accurate techniques to evaluate CDMA bit error rates in multipath channels with imperfect power control

Liberti, J.C.; Rappaport, T.S.;

Global Telecommunications Conference, 1995. Conference record. Communic
Theory Mini-Conference, GLOBECOM '95., IEEE , 13-17 Nov. 1995
Pages:33 - 37

[\[Abstract\]](#) [\[PDF Full-Text \(332KB\)\]](#) IEEE CNF

85 In situ microwave reflection coefficient measurements for smooth rough exterior wall surfaces

Landron, O.; Feuerstein, M.J.; Rappaport, T.S.;

Vehicular Technology Conference, 1993 IEEE 43rd , 18-20 May 1993
Pages:77 - 80

[\[Abstract\]](#) [\[PDF Full-Text \(380KB\)\]](#) IEEE CNF

86 Distributed real time signal processing for cellular and paging traffic analysis, fraud detection, and intelligent wireless network control

McCulley, S.L.; Rappaport, T.S.;
Vehicular Technology Conference, 1993 IEEE 43rd , 18-20 May 1993
Pages:891 - 896

[\[Abstract\]](#) [\[PDF Full-Text \(612KB\)\]](#) [IEEE CNF](#)

87 Wireless channel prediction in a modern office building using an in based ray tracing method

Ho, C.M.P.; Rappaport, T.S.;

Global Telecommunications Conference, 1993, including a Communications TI Mini-Conference. Technical Program Conference Record, IEEE in Houston. GLOBECOM '93., IEEE , 29 Nov.-2 Dec. 1993
Pages:1247 - 1251 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(496KB\)\]](#) [IEEE CNF](#)

88 Reverse channel performance improvements in CDMA cellular communication systems employing adaptive antennas

Liberti, J.C.; Rappaport, T.S.;

Global Telecommunications Conference, 1993, including a Communications TI Mini-Conference. Technical Program Conference Record, IEEE in Houston. GLOBECOM '93., IEEE , 29 Nov.-2 Dec. 1993
Pages:42 - 47 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(508KB\)\]](#) [IEEE CNF](#)

89 A ray tracing technique to predict path loss and delay spread inside buildings

Seidel, S.Y.; Rappaport, T.S.;

Global Telecommunications Conference, 1992. Conference Record., GLOBECC '92. 'Communication for Global Users', IEEE , 6-9 Dec. 1992
Pages:649 - 653 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(500KB\)\]](#) [IEEE CNF](#)

90 Simulation of bit error performance and outage probability of n/4 DQPSK in frequency-selective indoor radio channels using a measured based channel model

Thoma, B.; Rappaport, T.S.; Kietz, M.D.;

Global Telecommunications Conference, 1992. Conference Record., GLOBECC '92. 'Communication for Global Users', IEEE , 6-9 Dec. 1992
Pages:1825 - 1829 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(524KB\)\]](#) [IEEE CNF](#)

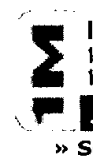
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91 The effects of antenna gains and polarization on multipath delay spread and path loss at 918 MHz on cross-campus radio links

 Rappaport, T.S.; Liberti, J.C.; Blackard, K.L.; Tuch, B.;
 Vehicular Technology Conference, 1992 IEEE 42nd , 10-13 May 1992
 Pages:550 - 553 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(324KB\)\]](#) IEEE CNF

92 Analysis of the mobile-to-base link in cellular CDMA

 Milstein, L.B.; Rappaport, T.S.; Barghouti, R.;
 Vehicular Technology Conference, 1992 IEEE 42nd , 10-13 May 1992
 Pages:486 - 489 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(176KB\)\]](#) IEEE CNF

93 Performance of decision feedback equalizers in urban and indoor multipath channels

 Huang, W.; Rappaport, T.S.; Feuerstein, M.J.;
 Vehicular Technology Conference, 1992 IEEE 42nd , 10-13 May 1992
 Pages:368 - 371 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(316KB\)\]](#) IEEE CNF

94 Path loss and delay spread models as functions of antenna height for microcellular system design

 Blackard, K.L.; Feuerstein, M.J.; Rappaport, T.S.; Seidel, S.Y.; Xia, H.H.;
 Vehicular Technology Conference, 1992 IEEE 42nd , 10-13 May 1992
 Pages:333 - 337 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(448KB\)\]](#) IEEE CNF

95 Site specific propagation prediction models for PCS design and installation

 Tran, T.T.; Rappaport, T.S.;
 Military Communications Conference, 1992. MILCOM '92, Conference Record.
 'Communications - Fusing Command, Control and Intelligence', IEEE , 11-14

1992
Pages:1062 - 1065 vol.3

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96 **Statistics of shadowing in indoor radio channels at 900 and 1900 MHz**
Liberti, J.C.; Rappaport, T.S.;
Military Communications Conference, 1992. MILCOM '92, Conference Record.
'Communications - Fusing Command, Control and Intelligence', IEEE , 11-14
1992
Pages:1066 - 1070 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(396KB\)\]](#) IEEE CNF

97 **Effects of antenna polarization and beam pattern on multipath delay spread and path loss in indoor obstructed wireless channels**
Ho, C.M.P.; Rappaport, T.S.;
Universal Personal Communications, 1992. ICUPC '92 Proceedings., 1st
International Conference on , 29 Sept.-1 Oct. 1992
Pages:04.02/1 - 04.02/5

[\[Abstract\]](#) [\[PDF Full-Text \(444KB\)\]](#) IEEE CNF

98 **A ray tracing method for predicting path loss and delay spread in microcellular environments**
Schaubach, K.R.; Davis, N.J.; Rappaport, T.S.;
Vehicular Technology Conference, 1992 IEEE 42nd , 10-13 May 1992
Pages:932 - 935 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(416KB\)\]](#) IEEE CNF

99 **Use of a building database in prediction of three-dimensional diffraction**
Russell, T.A.; Rappaport, T.S.; Bostian, C.W.;
Vehicular Technology Conference, 1992 IEEE 42nd , 10-13 May 1992
Pages:943 - 946 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(316KB\)\]](#) IEEE CNF

100 **The impact of surrounding buildings on propagation for wireless indoor building personal communications system design**
Seidel, S.Y.; Rappaport, T.S.; Feuerstein, M.J.; Blackard, K.L.; Grindstaff, L.;
Vehicular Technology Conference, 1992 IEEE 42nd , 10-13 May 1992
Pages:814 - 818 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(472KB\)\]](#) IEEE CNF

101 **Effects of circular and linear polarized antennas on wideband propagation parameters in indoor radio channels**
Rappaport, T.S.; Hawbaker, D.A.;
Global Telecommunications Conference, 1991. GLOBECOM '91. Countdown to
New Millennium. Featuring a Mini-Theme on: Personal Communications
Services , 2-5 Dec 1991
Pages:1287 - 1291 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(332KB\)\]](#) [IEEE CNF](#)

102 Bit-error simulation of $n/4$ DQPSK in flat and frequency-selective fading mobile radio channels with real time applications

Fung, V.; Rappaport, T.S.;

Communications, 1991. ICC 91, Conference Record. IEEE International Conference on , 23-26 June 1991

Pages:553 - 557 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(400KB\)\]](#) [IEEE CNF](#)

103 Radio frequency noise measurements and models for indoor wireless communications at 918 MHz, 2.44 GHz, and 4.0 GHz

Blackard, K.L.; Rappaport, T.S.; Bostian, C.W.;

Communications, 1991. ICC 91, Conference Record. IEEE International Conference on , 23-26 June 1991

Pages:28 - 32 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(372KB\)\]](#) [IEEE CNF](#)

104 A comparative study of two adaptive equalizers for mobile radio

Huang, W.; Rappaport, T.S.;

Vehicular Technology Conference, 1991. 'Gateway to the Future Technology in Motion', 41st IEEE , 19-22 May 1991

Pages:765 - 769

[\[Abstract\]](#) [\[PDF Full-Text \(352KB\)\]](#) [IEEE CNF](#)

105 900 MHz path loss measurements and prediction techniques for indoor building communication system design

Seidel, S.Y.; Rappaport, T.S.;

Vehicular Technology Conference, 1991. 'Gateway to the Future Technology in Motion', 41st IEEE , 19-22 May 1991

Pages:613 - 618

[\[Abstract\]](#) [\[PDF Full-Text \(492KB\)\]](#) [IEEE CNF](#)

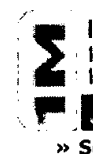
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106 Evaluation of several adaptive algorithms for canceling acoustic noise in mobile radio environments
Liberti, J.C.; Rappaport, T.S.; Proakis, J.G.;

Vehicular Technology Conference, 1991. 'Gateway to the Future Technology in Motion', 41st IEEE, 19-22 May 1991

Pages:126 - 132

[\[Abstract\]](#) [\[PDF Full-Text \(536KB\)\]](#) IEEE CNF

107 A Single-hop F2 Propagation Model For Frequencies Above 30 MHz: Path Distances Greater Than 4000 KM
Rappaport, T.S.; Campbell, R.L.; Pocock, E.;

Geoscience and Remote Sensing Symposium, 1990. IGARSS '90. 'Remote Sensing Science for the Nineties', 10th Annual International, 20-24 May 1990

Pages:91 - 91

[\[Abstract\]](#) [\[PDF Full-Text \(104KB\)\]](#) IEEE CNF

108 Indoor Multipath Propagation Measurements At 1.3 GHz And 4.0 GHz
Hawbaker, D.A.; Rappaport, T.S.;

Geoscience and Remote Sensing Symposium, 1990. IGARSS '90. 'Remote Sensing Science for the Nineties', 10th Annual International, 20-24 May 1990

Pages:1601 - 1601

[\[Abstract\]](#) [\[PDF Full-Text \(72KB\)\]](#) IEEE CNF

109 Effects of path loss and fringe user distribution on CDMA cellular frequency reuse efficiency
Rappaport, T.S.; Milstein, L.B.;

Global Telecommunications Conference, 1990, and Exhibition. 'Communications Connecting the Future', GLOBECOM '90., IEEE, 2-5 Dec. 1990

Pages:500 - 506 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(644KB\)\]](#) IEEE CNF

110 Indoor wideband radio propagation measurement system at 1.3 GHz

and 4.0 GHz*Hawbaker, D.A.; Rappaport, T.S.;*

Vehicular Technology Conference, 1990 IEEE 40th , 6-9 May 1990

Pages:626 - 630

[\[Abstract\]](#) [\[PDF Full-Text \(348KB\)\]](#) IEEE CNF**111 Simulation of UHF indoor radio channels for open-plan building environments***Seidel, S.Y.; Rappaport, T.S.;*

Vehicular Technology Conference, 1990 IEEE 40th , 6-9 May 1990

Pages:597 - 602

[\[Abstract\]](#) [\[PDF Full-Text \(476KB\)\]](#) IEEE CNF**112 Development of an autonomous guided vehicle for indoor propagation measurements***Ailes, L.; Keitz, M.D.; McCulley, S.L.; Seidel, S.Y.; Deisenroth, M.; Rappaport,*

Vehicular Technology Conference, 1990 IEEE 40th , 6-9 May 1990

Pages:119 - 123

[\[Abstract\]](#) [\[PDF Full-Text \(436KB\)\]](#) IEEE CNF**113 900 MHz multipath propagation measurements for US digital cellular radiotelephone***Rappaport, T.S.; Seidel, S.Y.; Singh, R.;*

Global Telecommunications Conference, 1989, and Exhibition. 'Communications Technology for the 1990s and Beyond'. GLOBECOM '89., IEEE , 27-30 Nov. 1989

Pages:84 - 89 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(564KB\)\]](#) IEEE CNF**114 Communications and propagation experiments for the OLYMPUS and ACTS satellites***Bostian, C.W.; Stutzman, W.L.; Pratt, T.; McKeeman, J.C.; Rappaport, T.S.;*

Communications, 1989. ICC 89, BOSTON/ICC/89. Conference record. World Prosperity Through Communications, IEEE International Conference on , 11-13 June 1989

Pages:1578 - 1581 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(348KB\)\]](#) IEEE CNF**115 Application of second-order statistics for an indoor radio channel***Seidel, S.Y.; Takamizawa, K.; Rappaport, T.S.;*

Vehicular Technology Conference, 1989 IEEE 39th , 1-3 May 1989

Pages:888 - 892 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(436KB\)\]](#) IEEE CNF**116 Indoor radio channel models for manufacturing environments***Takamizawa, K.; Seidel, S.Y.; Rappaport, T.S.;*

Southeastcon '89. Proceedings. 'Energy and Information Technologies in the Southeast', IEEE , 9-12 April 1989

Pages:750 - 754 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(348KB\)\]](#) IEEE CNF

117 Delay spread and time delay jitter for the UHF factory multipath channel

Rappaport, T.S.;

Vehicular Technology Conference, 1988 IEEE 38th , 15-17 June 1988

Pages:186 - 189

[\[Abstract\]](#) [\[PDF Full-Text \(216KB\)\]](#) IEEE CNF

118 UHF multipath and propagation

Rappaport, T.S.; McGillem, C.D.;

Global Telecommunications Conference, 1988, and Exhibition. 'Communications in the Information Age.' Conference Record, GLOBECOM '88., IEEE , 28 Nov.-1 Dec. 1988

Pages:825 - 831 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(532KB\)\]](#) IEEE CNF

119 Infra-red location system for navigation of autonomous vehicles

McGillem, C.D.; Rappaport, T.S.;

Robotics and Automation, 1988. Proceedings., 1988 IEEE International Conference on , 24-29 April 1988

Pages:1236 - 1238 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(264KB\)\]](#) IEEE CNF

120 Basic relationship between multipath angular spread and narrowband fading in wireless channels

Durgin, G.; Rappaport, T.S.;

Electronics Letters ,Volume: 34 , Issue: 25 , 10 Dec. 1998

Pages:2431 - 2432

[\[Abstract\]](#) [\[PDF Full-Text \(240KB\)\]](#) IEEE JNL

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121 Improved 3D ray launching method for wireless propagation pred
Durgin, G.; Patwari, N.; Rappaport, T.S.;
 Electronics Letters ,Volume: 33 , Issue: 16 , 31 July 1997
 Pages:1412 - 1413

[\[Abstract\]](#) [\[PDF Full-Text \(228KB\)\]](#) **IEE JNL**
122 Path loss prediction in multifloored buildings at 914 MHz
Seidel, S.Y.; Rappaport, T.S.;
 Electronics Letters ,Volume: 27 , Issue: 15 , 18 July 1991
 Pages:1384 - 1387

[\[Abstract\]](#) [\[PDF Full-Text \(356KB\)\]](#) **IEE JNL**
123 Indoor wideband radiowave propagation measurements at 1.3 GHz and 4.0 GHz
Hawbaker, D.A.; Rappaport, T.S.;
 Electronics Letters ,Volume: 26 , Issue: 21 , 11 Oct. 1990
 Pages:1800 - 1802

[\[Abstract\]](#) [\[PDF Full-Text \(224KB\)\]](#) **IEE JNL**
124 Path loss and multipath delay statistics in four European cities for MHz cellular and microcellular communications
Seidel, S.Y.; Rappaport, T.S.; Singh, R.;
 Electronics Letters ,Volume: 26 , Issue: 20 , 27 Sept. 1990
 Pages:1713 - 1715

[\[Abstract\]](#) [\[PDF Full-Text \(300KB\)\]](#) **IEE JNL**
125 Distribution of phase errors in UHF position location system
Feuerstein, M.J.; Beliveau, Y.J.; Rappaport, T.S.; Pratt, T.;
 Electronics Letters ,Volume: 25 , Issue: 16 , 3 Aug. 1989
 Pages:1086 - 1088

[\[Abstract\]](#) [\[PDF Full-Text \(252KB\)\]](#) **IEE JNL**

126 **900 MHz multipath propagation measurements in four United States cities**

Rappaport, T.S.; Seidel, S.Y.;

Electronics Letters ,Volume: 25 , Issue: 15 , 20 July 1989

Pages:956 - 958

[\[Abstract\]](#) [\[PDF Full-Text \(308KB\)\]](#) IEE JNL

127 **Multipath propagation models for in-building communications**

Rappaport, T.S.; Seidel, S.Y.;

Mobile Radio and Personal Communications, 1989., Fifth International Conference on , 11-14 Dec 1989

Pages:69 - 74

[\[Abstract\]](#) [\[PDF Full-Text \(356KB\)\]](#) IEE CNF

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VLSI Technology, 1998. Digest of Technical Papers. 1998 Symposium on , 9-10 June 1998

Pages:152 - 153

[\[Abstract\]](#) [\[PDF Full-Text \(388KB\)\]](#) IEEE CNF
17 A high performance 1.8 V, 0.20 μ m CMOS technology with copper metallization

Venkatesan, S.; Gelatos, A.V.; Hisra, S.; Smith, B.; Islam, R.; Cope, J.; Wilson, D.; Cardwell, R.; Anderson, S.; Angyal, M.; Bajaj, R.; Capasso, C.; Chakrabarti, P.; Das, S.; Farkas, J.; Filipiak, S.; Fiordalice, B.; Freeman, M.; Gilbert, P.V.; Herrick, M.; Jain, A.; Kawasaki, H.; King, C.; Klein, J.; Lii, T.; Reid, K.; Saara, T.; Simpson, C.; Sparks, T.; Tsui, P.; Venkatraman, R.; Watts, D.; Weitzman, Woodruff, R.; Yang, I.; Bhat, N.; Hamilton, G.; Yu, Y.;

Electron Devices Meeting, 1997. Technical Digest., International , 7-10 Dec. : 1997. Pages:769 - 772

[\[Abstract\]](#) [\[PDF Full-Text \(576KB\)\]](#) IEEE CNF
18 Copper integration into 0.5 μ m BiCMOS technology

Gelatos, A.V.; Nguyen, B.-Y.; Perry, K.; Marsh, R.; Peschke, J.; Filipiak, S.; T. E.; Bhat, N.; La, L.B.; Thompson, M.; Saaranen, T.; Tobin, P.J.;

VLSI Technology, 1995. Digest of Technical Papers. 1995 Symposium on , 6-10 June 1995

Pages:25 - 26

[\[Abstract\]](#) [\[PDF Full-Text \(240KB\)\]](#) IEEE CNF
19 Adaptive control with NeuCOP, the neural control and optimization package

Graettinger, T.J.; Bhat, N.V.; Buck, J.S.;

Neural Networks, 1994. IEEE World Congress on Computational Intelligence.,
IEEE International Conference on , Volume: 4 , 27 June-2 July 1994
Pages:2389 - 2393 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(440KB\)\]](#) [IEEE CNF](#)

20 Routable technology mapping for LUT FPGAs

Bhat, N.B.; Hill, D.D.;

Computer Design: VLSI in Computers and Processors, 1992. ICCD '92.
Proceedings., IEEE 1992 International Conference on , 11-14 Oct. 1992
Pages:95 - 98

[\[Abstract\]](#) [\[PDF Full-Text \(316KB\)\]](#) [IEEE CNF](#)

21 Layout driven technology mapping

Pedram, M.; Bhat, N.;

Design Automation Conference, 1991. 28th ACM/IEEE , June 17-21, 1991
Pages:99 - 105

[\[Abstract\]](#) [\[PDF Full-Text \(721KB\)\]](#) [IEEE CNF](#)

22 Layout driven logic restructuring/decomposition

Pedram, M.; Bhat, N.;

Computer-Aided Design, 1991. ICCAD-91. Digest of Technical Papers., 1991
International Conference on , 11-14 Nov. 1991
Pages:134 - 137

[\[Abstract\]](#) [\[PDF Full-Text \(372KB\)\]](#) [IEEE CNF](#)

23 Development of schematic capture support for FHD

Bhate, N.; Tokuta, A.; Maurer, P.;

Southeastcon '90. Proceedings., IEEE , 1-4 April 1990
Pages:442 - 446 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(296KB\)\]](#) [IEEE CNF](#)

24 Interpreting biosensor data via backpropagation

McAvoy, T.J.; Wang, N.S.; Naidu, S.; Bhat, N.; Gunter, J.; Simmons, M.;

Neural Networks, 1989. IJCNN., International Joint Conference on , 18-22 Jun
1989
Pages:227 - 233 vol.1

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1 **Interactive coverage region and system design simulation for wireless communication systems in multifloored indoor environments: SMT Plus**
Skidmore, R.R.; Rappaport, T.S.; Abbott, A.L.;
Universal Personal Communications, 1996. Record., 1996 5th IEEE International Conference on , Volume: 2 , 29 Sept.-2 Oct. 1996
Pages:646 - 650 vol.2

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1 Interactive computation of coverage regions for wireless communication in multifloored indoor environments

Panjwani, M.A.; Abbott, A.L.; Rappaport, T.S.;

Selected Areas in Communications, IEEE Journal on , Volume: 14 , Issue: 3 , 1996

Pages:420 - 430

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Wireless Data and Voice Measurement Survey Products:

We provide easy-to-use, site-specific traffic measurement, remote monitoring, and performance archiving for all wired or wireless networks such as IEEE 802.11 a/b/g, HomeRF, HiperLAN and Bluetooth. In addition, our hand-held products enable quick and easy site surveys, network deployment and asset management of in-building cellular/PCS voice networks. All measured data is completely integrated with our other products.

Wireless LAN

- **LANField[®]** is a powerful and easy-to-use site specific, graphical WLAN measurement solution that allows an engineer to instantly measure, visualize, validate and archive the real-time performance of their network. Works with IEEE 802.11 a/b/g, HomeRF, HiperLAN and Bluetooth wireless LAN networks by simply plugging in your own standard PCMCIA WLAN card or modem card.

- **LANFielder® PDA**, is an ultra-portable, handheld version of LANFielder. An engineer can perform a walk test recording vital, real-time network statistics carrying only the small lightweight PDA. Works with all IEEE 802.11b wireless LAN networks by simply plugging in your own standard PCMCIA WLAN card or modem card.
- **SiteSpy®**, is an economical, site specific traffic generator and real-time measurement solution. Using textual identifiers in place of a full graphical environment, an engineer can quickly gather the necessary data to validate the performance of a network before it goes live! Works with all IEEE 802.11 a/b/g, HomeRF, HiperLAN and Bluetooth wireless LAN networks by simply plugging in your own standard PCMCIA WLAN card or modem card.

Cellular/PCS

- **InFielder®**, is a powerful and easy-to-use site specific, graphical Cellular/PCS measurement solution that allows an engineer to instantly measure, visualize, validate and archive the real-time performance of their network. Plug and play with many popular commercially available test receivers.
- **InFielder® PDA**, an ultra-portable, handheld measurement and asset management solution for in-building cellular/PCS networks. Plug and play with many popular commercially available test receivers.

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Building/Facilities Management Software products:

Identify, locate and maintain hardware and other assets throughout a facility with the handheld **InFielderPDA**, and across your enterprise with **SitePlanner** or **LANPlanner**. By combining InFielderPDA with SitePlanner or LANPlanner, you have the tools and standard processes to manage a vast number of network installations across the globe. Our products allow you to see what was installed, years earlier, while tracking costs, performance, and physical location of all network components within buildings. Ideal for regional and nationwide carriers, system integrators, large consulting companies, and real estate owners. Our products are the worldwide standard for indoor network design, deployment, and ongoing asset management.

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E-Catalog for all Wireless Hardware Manufacturers:

Create, maintain, and distribute electronic catalogs containing your wireless and network infrastructure components and their characteristics. Our inexpensive **PartsPlanner®** e-catalog provides transportable and viewable parts lists that are used within SitePlanner/LANPlanner and are featured on the **Manufacturers' Parts List** webpage. With PartsPlanner, you are free to provide your e-catalog to an unlimited number of customers, and may also place it on your webpage and those of your distributors.

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RF Channel Simulation products:

Software to simulate the indoor microcell, **SIRCIM®** or outdoor macrocell, **SMRCIM®** by turning your PC into a sophisticated RF channel simulator. Eliminate costly RF channel measurements required for indoor or outdoor wireless campaigns.

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New wireless planning tool

... Called **SMT Plus**, the software helps planners with **indoor** site selection ... communications

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SMT Plus: Site Modeling Tool

... **indoor** wireless communication services, Virginia Tech's MPRG has developed a software

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A Software Tool for **Planning Indoor** Wireless Systems. **SMT Plus** was developed at

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1366_RPS-2: a software package for planning of radio relay, trunk ...

RPS-2: a software package for **planning** of radio ... CDMA networks; module of calculation of **indoor** networks; module ... RFcad of the CDS, SitePlanner and **SMT Plus** by the ...

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... Software tool for **indoor** wireless systems. **SMT Plus** 1.0 is an interactive software tool for **planning**, simulating, and installing **indoor** wireless systems. ...

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... 4 Coverage Models in Cellular Mobile Network **Planning** RA Valenzuela and MH Wright, "WiSE design of **Indoor** Wireless Systems ... [9], 27] and **SMT Plus** [25] A ...

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... for **planning** and simulating any type of **indoor** wireless communication system. It is a highly interactive tool designed for speed and ease of use. **SMT Plus** ...

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... Traditionally, **indoor** wireless communication system design has been carried ... implemented in a comprehensive propagation **planning** tool, **SMT Plus**, which has ...

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... but also account for signal losses suffered in traversing each inner partition or

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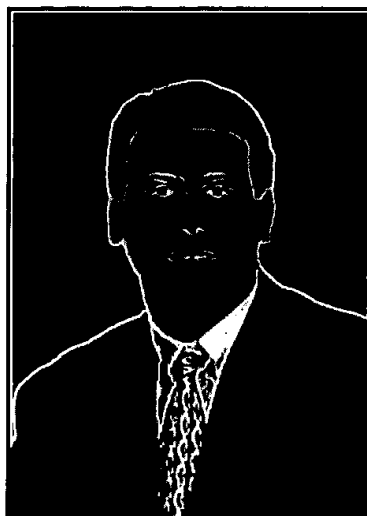
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Theodore S. Rappaport

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Course To Be Taught in Spring 2004

EE 360K: [Introduction to Digital Communications](#)

Learn about CommNetS research at UT

Every Friday morning, from 11 - noon, we have informal gatherings of all students and faculty interested in communications and networking problems. These gatherings are a great place to meet other students and see what areas of research are happening within the ECE department. Hope to see you there next Friday at 11 am at ENS 637.

Prentice Hall Book Series

Series Editor, Professor Ted Rappaport, is in search of prospective authors for the Prentice Hall PTR ["Communications Engineering](#)

Prof. Theodore (Ted) S. Rappaport, P.E., Ph.D.

William and Bettye Nowlin Chair in Engineering
Director, Wireless Networking and Communications Group (WNCG)

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Email: jenn.wright@mail.utexas.edu

Visitors to WNCG

WNCG is located on the 4th floor of the Engineering Science Building (ENS), in ENS 433A. Recommended public parking is the garage on San Jacinto between Dean Keeton and 24th St. -- it is about a 7 minute walk to ENS building (ECE building). If heading west on Dean Keeton, take a left on San Jacinto and garage will be on your left. Our building is the closest 6-story building located in the NE direction from the corner of 24th and Speedway on the UT campus.

Driving Directions to ENS

[Driving directions](#) are available to the ENS building (ECE building) from Mopac and I-35. Walking directions from the parking garage to the building are also

and Emerging Technologies" book included.
[Click here](#) for more information.

What's hot? - Topics of current interest

Rappaport Delivers Distinguished Lecture to UT Arlington During Engineers Week 2004



While Dr. Rappaport was in the Dallas area to give his lecture, he met with business executives and faculty to build a case for Texas Wireless

Center. [Click here](#) for the full story.

Learn About Ultra Wide Band Technologies

[Click here](#) for the article "The Evolution of Ultra Wide Band Radio for Wireless Personal Area Networks" published in High Frequency Electronics, September 2003.

Joint Research with Virginia Tech on the Montage Project

[Montage:](#) "An Integrated End-to-End Design and Development Framework for Wireless Networks"

Dr. Rappaport's Talk at Austin Technology Council on Oct. 7, 2003

[Click here](#) for Dr. Rappaport's talk titled "The Wireless Communication Revolution".

UT Works With Schlotsky's Deli for WiFi Deployments

Since 2002, Schlotsky's Deli has been providing wireless internet access to its customers for laptops and handheld devices with wireless network cards. WNCG is now involved in a collaborative research effort with Schlotsky's Deli to

manage public network bandwidth. [Click here](#) for a recent article on this topic.

Prentice Hall *Wireless Communications: Principles & Practice*, 2nd Edition Website Available

The official website for the 2nd edition of *Wireless Communications: Principles & Practice* is available at <http://authors.phptr.com/rappaport>. The site includes helpful supplemental downloads for course instructors.

Wireless Networking and Communications Group formed at University of Texas Core Research Expertise Being Developed in Austin

The University of Texas has recently formed a new research center aimed at creating fundamental knowledge and improving understanding for future wireless communications networks. The new research center, the Wireless Networking and Communications Group (WNCG), has state-of-the-art wireless hardware equipment and software capabilities for the analysis, design, research, and development of wireless networks, systems, and components from baseband to 60 GHz.

WNCG is focusing on six key thrust areas that are fundamental to all wireless networks:

- a) propagation and antennas;
- b) signal processing techniques and implementation;
- c) modulation and coding;
- d) network architectures, software, and protocol performance;
- e) sensor and ad-hoc networks; and
- f) network security.

The University of Texas has committed significant resources to this new research initiative, including seven new Electrical and Computer Engineering faculty positions in wireless communications and networking, an entire floor of the ENS building on the UT campus, and a fully functional antenna range, anechoic chamber, and test facilities for RF/Antenna/Microstrip design, development and wireless network system test at UT's J.J. Pickle Research Center.

[Click here](#) to read more about WNCG.

Recent Research — Wireless LAN Comparison Studies

[Click here](#) to download the recent research from MPRG focusing on predicting traffic for actual Wireless LAN systems, as conducted by recent graduate Ben Henty.

Master's student Ben Henty and undergraduate student Jiun Siew have been researching the Wireless LAN area. Their latest project used some site specific measurement tools developed primarily by Ben and other MPRG students to capture network statistics like throughput, packet error rate, and latency. The project used these statistics to compare three vendor IEEE 802.11 and IEEE 802.11b WLAN products and the use of Frequency Hop and Direct Sequence Spread Spectrum techniques used in these systems today. Currently, efforts in this area are being focused on how to predict or model network performance using some of the data that have already been gathered.

For a more detailed description of the site-specific wireless network measurement tools used in this study, please visit the [Wireless Valley Communications](#) website.

SMRCIM/SIRCIM Defense Slides

These slides were prepared by J. Eric Nuckols in defense of his thesis entitled "Implementation of Geometrically Based Single-Bounce Models for Simulation of Angle-of-Arrival of Multipath Delay Components in the Wireless Channel Simulation Tools, SMRCIM AND SIRCIM" in December 1999.

Thesis Slides

For more information on the SMRCIM and SIRCIM software tools, please visit the [Wireless Valley Communications](#) website.

For all of Dr. Rappaport's latest research, please visit [Research Interests](#).

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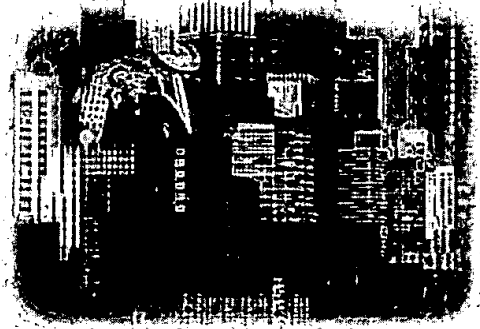
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About Us

Wireless Valley is a pioneering creator of software products and measurement solutions that allow IT and wireless telecommunications personnel to rapidly engineer, measure, maintain, and manage all types of indoor and campus networks. Our powerful, highly integrated, easy-to-use products are being used by hundreds of corporations worldwide, and combine computer aided design, wireless engineering, and asset management to provide an unprecedented process management environment for rapid and accurate in-building network growth.



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Using the patented Wireless Valley software suite, our customers are able to measure and manage all aspects of in-building wireless (and wired) network deployment, maintenance and management with one easy-to-use solution. Wireless Valley's innovative software products enable enterprises to standardize on design guidelines, documentation, and maintenance procedures, thereby providing enormous time savings, reduction in travel, and vastly improved network deployments. We provide software solutions that provide a standard transportable work environment for all engineering, site-survey, maintenance, accounting, and asset management tasks, thus allowing our customers to design, measure, archive, and manage thousands of network deployments while sharing system data with corporate team members, vendors, integrators, and building owners. Our products offer powerful cost/benefit analyses, and enable you to demonstrate the performance and value of your proposed wireless network to a wide range of customers. Many customers use our products to create powerful bids and proposals, as well as "what-if" engineering work, and they continue to use our same products well after their winning deployments are completed. Our software has been used to design and manage the most high-profile indoor networks in the world.

Our handheld field products and embedded measurement products work hand-in-glove with our PC-based products to allow rapid transfer of key engineering and accounting data between servers and remote field staff across the globe, thereby allowing "as-built" network design information, maintenance logs, equipment location records, and complete accounting and performance data to be shared easily and often as needed with field workers and technicians. As in-building networks proliferate and the workload increases, Wireless Valley products allow people to deploy their networks, remotely monitor their performance, and then find the location of installed equipment years after installation, after the original installers are long gone. Simply put, Wireless Valley is the leading producer of management software for all aspects of the great wireless build-out.

The indoor wireless market is in its infancy, but will soon be the fastest growth segment of the telecommunications industry. By 2007, more than 2 billion subscribers will go online using wireless connectivity. Given that today's worldwide subscriber base is about 900 million, it is clear that well over 1 billion new subscribers will demand coverage and capacity where they work, live and recreate -- in and around buildings. Our integrated engineering, maintenance, and management products are powering the creation and on-going management of indoor and microcell telecom networks in the telecommunications industry.

History of Wireless Valley Communications, Inc.

Based on over a decade of fundamental research from leading academic research programs in wireless communications, Wireless Valley develops and markets products that allow engineers, technicians, and facilities managers to design, deploy, and maintain every type of indoor wireless network, including

Cellular/PCS/Wireless LAN/ Bluetooth, and emerging LMDS and optical systems.

In May of 2002 we moved our headquarters to Austin Texas to help facilitate further growth. At Wireless Valley, we share an enthusiasm for creativity and discovery. Our revolutionary products are shaping the future of in-building communication. Our mission is to serve the communications industry with high-value, field-tested and proven products that stem from cutting edge research coupled with a keen awareness of the technical direction of wireless and wired communications.

In-Building Wireless Tutorial and Points of Interest

"Getting In" and "Isolating Interference" are two leading industry articles co-authored by Dr. Rappaport that describe several key technical problems regarding in-building wireless design that are easily and quickly solved using Wireless Valley's revolutionary products.

[Click here](#) to read an interview by **Spread Spectrum Scene Online** (RF & Wireless E-zine) with our Chairman, Dr. Rappaport.

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